

AMENDMENTS TO THE CLAIMS

1-29 cancelled

30. (previously presented) In an offset printing machine having a damping system wherein the improvement comprises said dampening system comprises a roller comprising a roller core and a roller covering being composed of an elastomer material containing fluorinated polyolefin or elastic plastic material containing fluorinated polyolefin.
31. (previously presented) A method of using a roller comprising a roller core and a roller covering being composed of an elastomer material containing fluorinated polyolefin or elastic plastic material containing fluorinated polyolefin comprising the step of running the roller in a dampening system of an offset printing machine.
32. (previously presented) The method as claimed in claim 31, wherein said fluorinated polyolefin is selected from fluorocarbon plastics.
33. (previously presented) The method as claimed in claim 31, wherein said fluorinated polyolefin essentially comprises polytetrafluoroethylene or fluorinated ethylene propylene copolymer.
34. (previously presented) The method as claimed in claim 31, wherein said elastomer or elastic plastic material comprises from 0.5 to 25 % by weight of said fluorinated polyolefin.

35. (previously presented) The method as claimed in claim 31, wherein said fluorinated polyolefin is applied as powder or fiber, or in the form of a fibrous material.
36. (previously presented) The method as claimed in claim 31, wherein said roller covering comprises one or more concentric layers and wherein said fluorinated polyolefin containing elastomer or elastic plastic material forms a surface layer of said one or more concentric layers.
37. (previously presented) The method as claimed in claim 31, wherein said elastomer or elastic plastic material is based on natural or synthetic rubber, at least one elastic thermoplastic, at least one thermoplastic elastomer, a castable polyurethane system, or a suitable mixture thereof.
38. (previously presented) The method as claimed in claim 37, wherein said synthetic rubber is selected from acrylonitrile butadiene rubber, ethylene rubber, ethylene-propylene rubber, styrene butadiene rubber, butyl rubber, polyurethane rubber, polyacrylic rubber, epichlorohydrine rubber, silicone rubber, chloroprene rubber, or a suitable mixture thereof.
39. (previously presented) The method as claimed in claim 37, wherein said elastomer or elastic plastic material is based on acrylonitrile butadiene rubber, chloroprene rubber, polyurethane rubber, polyvinyl chloride, or a suitable mixture thereof.

40. (previously presented) The method as claimed in claim 37, wherein said thermoplastic elastomer comprises elastificated polyolefin, styrene block copolymer, copolyester elastomer, thermoplastic polyurethane, or a suitable mixture thereof.
41. (previously presented) The method as claimed in claim 37, wherein said castable polyurethane system comprises a two-component or multi-component polyurethane system.
42. (new) The method as claimed in claim 31, wherein the roller is a dampening roller.
42. (new) The method as claimed in claim 42, wherein the dampening roller is a dampening form roller, a transfer roller, a metering roller or a ductor roller.
43. (new) The method as claimed in claim 31, wherein said roller spreads a foundation solution.
44. (new) The method as claimed in claim 31, wherein said roller spreads a foundation solution continuously and with the same intensity over a plate cylinder at all speeds.
45. (new) The method as claimed in claim 31, wherein said roller core is metallic material, thermoplastic or duroplastic material.
46. (new) The method as claimed in claim 31, wherein said roller core is a glass-fiber or carbon-fiber reinforced plastic.

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47. (new) The method as claimed in claim 42, wherein said roller core is a glass-fiber or carbon-fiber reinforced plastic.